

Supplementary Table S1. List of primer sequences used for the amplification of testis specific genes.

| Gene symbol | Primer sequence | Product size (bp) |
|---------------|--|-------------------|
| <i>GAPDH</i> | F: GTCAAGGCAGAGAACGGGAA R: GGTTCACGCCCATCACAAAC | 232 |
| <i>UCHL1</i> | F: CCTGTGGAACCATCGGACTC R: CTACCCGACATTGGCCTTCC | 223 |
| <i>ID4</i> | F: CCTGCAGCACGTTATCGACT R: AGAGAATGCTGTCGCCCTG | 240 |
| <i>SOHLH1</i> | F: GGAAGTGCCTGCCATCTCTA R: AATACGTCCACAGTGGGTGG | 113 |
| <i>DDX4</i> | F: TCCGTCTTGATAACCTCTCCA R: AGACTTAAGCACTGCCCCGAC | 258 |
| <i>DAZL</i> | F: CCTCTGGAAATGGCCCACAA R: GACAGAGGGTCAGCAGGTCT | 183 |
| <i>KITLG</i> | F: GATCGGGTTTGCTTTTGGGG R: ACTGTTACCCGCCTTATTTCA | 121 |
| <i>TOP2A</i> | F: AGTCTCCACCTCCACTACAG R: TTGCGGCGAGTCTTGTTTTT | 125 |
| <i>TBX3</i> | F: GTCCTGCTACTGGGGAACAG R: CACGTTGCTTGATCACTTGGG | 220 |
| <i>CDH11</i> | F: TGATATCGCCACCCTCCAGA R: GGGTCATTATCCGCCTCCTG | 125 |
| <i>VWF</i> | F: TCAGACCTTGGGATGTTGCC R: TGAATCCGGAGATGACCCCT | 161 |
| <i>SOX9</i> | F: TCTGGAGACTGCTGAACGAGA R: AGATGGCGTTGGGCGAGAT | 152 |
| <i>ACTA2</i> | F: ACGTGGGTGATGAAGCACAA R: GGTGAGAAGGGTTGGATGCT | 206 |
| <i>NOTCH3</i> | F: CAGCGAGCACCTTACTTGA R: GGTCTGAGCCTGAGCAAGAG | 106 |
| <i>IGF1</i> | F: TGTACTGTGCGCCTCTCAAG R: TGTTTCCTGCACTCCCTCTG | 119 |
| <i>BEX4</i> | F: GACCCCGCTCATCAAAGGA R: CGAAGGTGACCTCGATCTGG | 206 |
| <i>PENK</i> | F: CATTCCGGGAAGTCTGCGAA R: TGGCATCCTCCTCTGAACCA | 106 |
| <i>S100B</i> | F: GGAGGGGCAAGAACAGAACT R: GCGGAAATTGCGATTGGCAT | 119 |
| <i>CD83</i> | F: CCACAGTGTCATCCAACCCA R: TGGACAGAAGAGTTCACGGC | 220 |
| <i>PEGFRB</i> | F: GCACAGCTATGGGATGCTCT R: CCTGCAAGCTCAAGCAGTTG | 125 |
| <i>BCTA2</i> | F: GGCTGGAAGGACAACATCTC R: GACAGAGGGTCAGCAGGTCT | 183 |

